



National Weather Service

Decision Support Services

Tom Humphrey

Senior Forecaster

National Weather Service

Billings



National Weather Service

Mission Statement

Provide weather, water, and climate forecasts for the protection of life and property and the enhancements of the national economy.



National Weather Service

Fulfilling our mission

- **Coverage 24 hours a day**
 - *7 days a week*
 - *365 days a year*
- **Staff of 23**
 - *Meteorologists*
 - *Electronic and Computer Systems Experts*





National Weather Service

Fulfilling our mission

- **Outlooks**

- *The first indication that hazardous weather may develop.*
- *Intended to provide information to those who need considerable lead time to prepare for an event.*

- **Watches**

- *Conditions are favorable for the development of a particular weather event. Prepare for the possibility.*
- *Significant weather may impact a region, but location, timing, and severity is not fully known.*

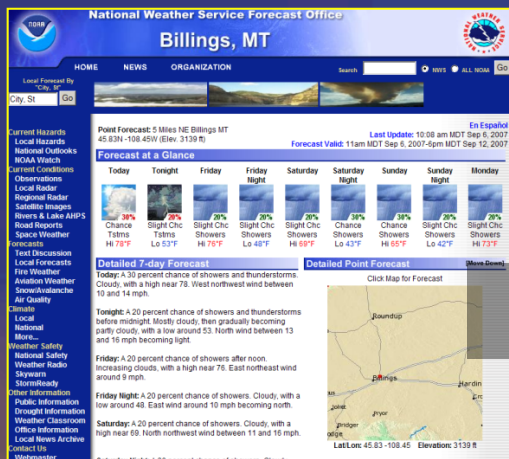
- **Warnings**

- *A particular weather event is occurring or imminent. It's time to take action!*
- *Significant weather impact is expected to move across a region with high certainty.*



National Weather Service

Obtaining Our Services 24/7



All Hazards NOAA Weather Radio



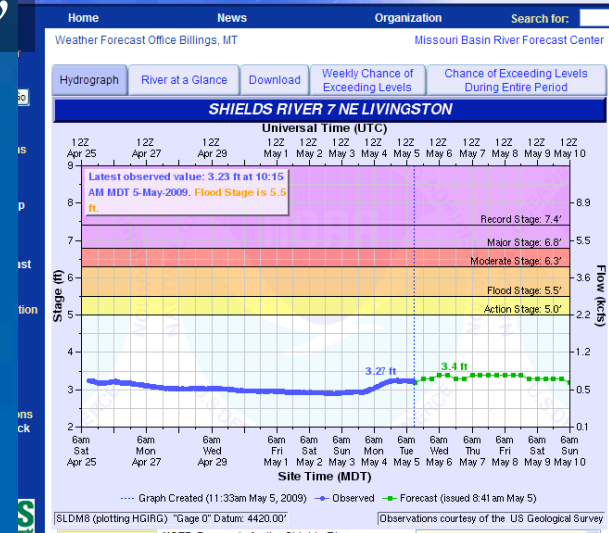
www.weather.gov



water.weather.gov

Telephone

Advanced Hydrologic Prediction Service



NOAA National Weather Service

weather.gov



National Weather Service

The Web - Enhanced Web Headlines

- Breaking News - Headlines on local webpage
- www.weather.gov/billings

National Weather Service Forecast Office
Billings, MT

Home News Organization Frequently Asked Questions Search

Get Local Forecast for:
Enter location... GO
[Search Help](#)

Significant Flood Potential Sunday and Monday

Last 30 Products Issued Forecast by City

Southeastern Montana Weather Map FAQs | Glossary

Click on the map below for the latest Point and Click forecast.

Read watches, warnings & advisories Zoom Out

High Wind Warning
Winter Weather Advisory
Wind Chill Advisory
Winter Storm Watch
High Wind Watch
Hazardous Weather Outlook

Last map update: Jan, 27th 2009 at 8:55:04 am MST

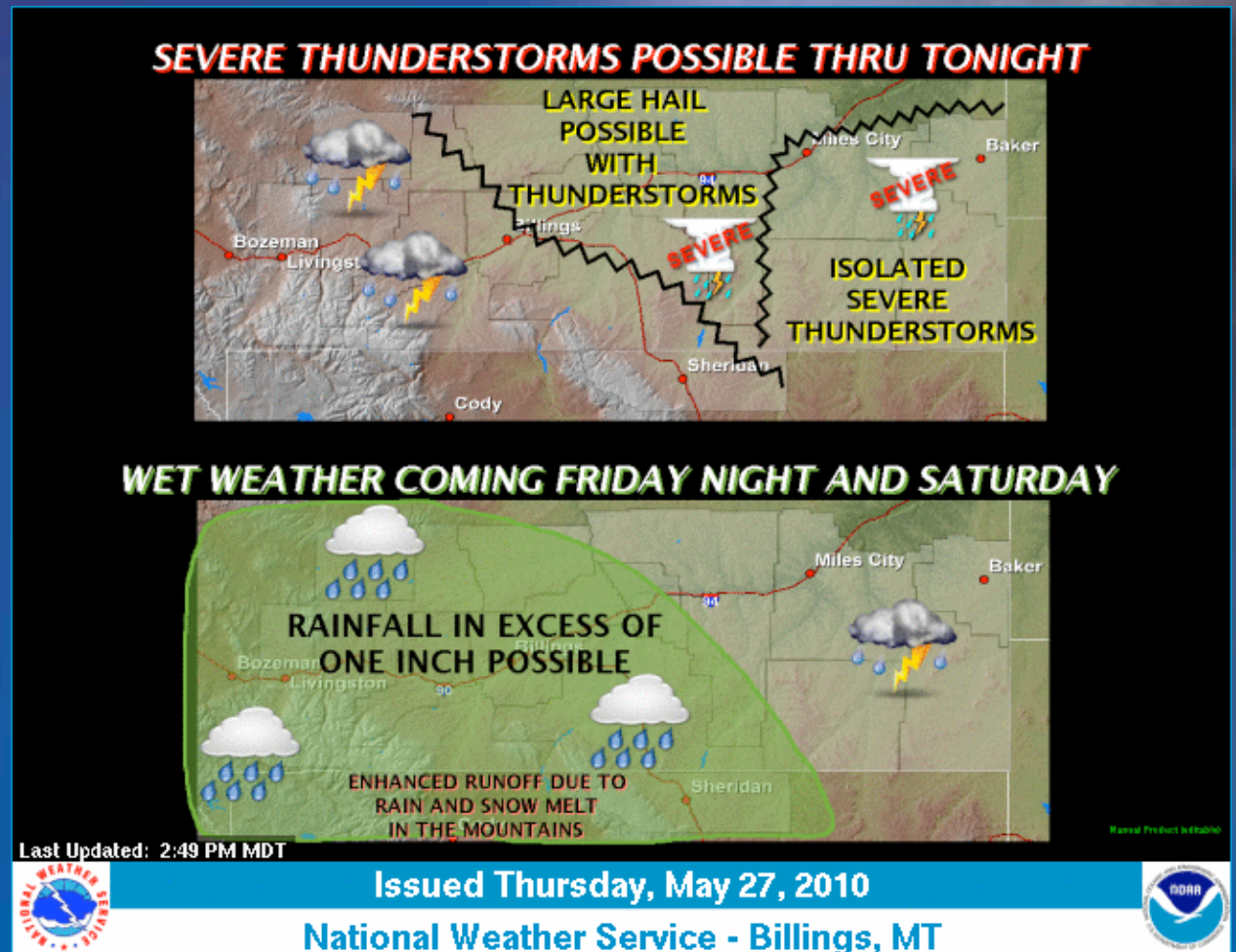
weather.gov



National Weather Service

The Web - Hazardous Weather Graphic

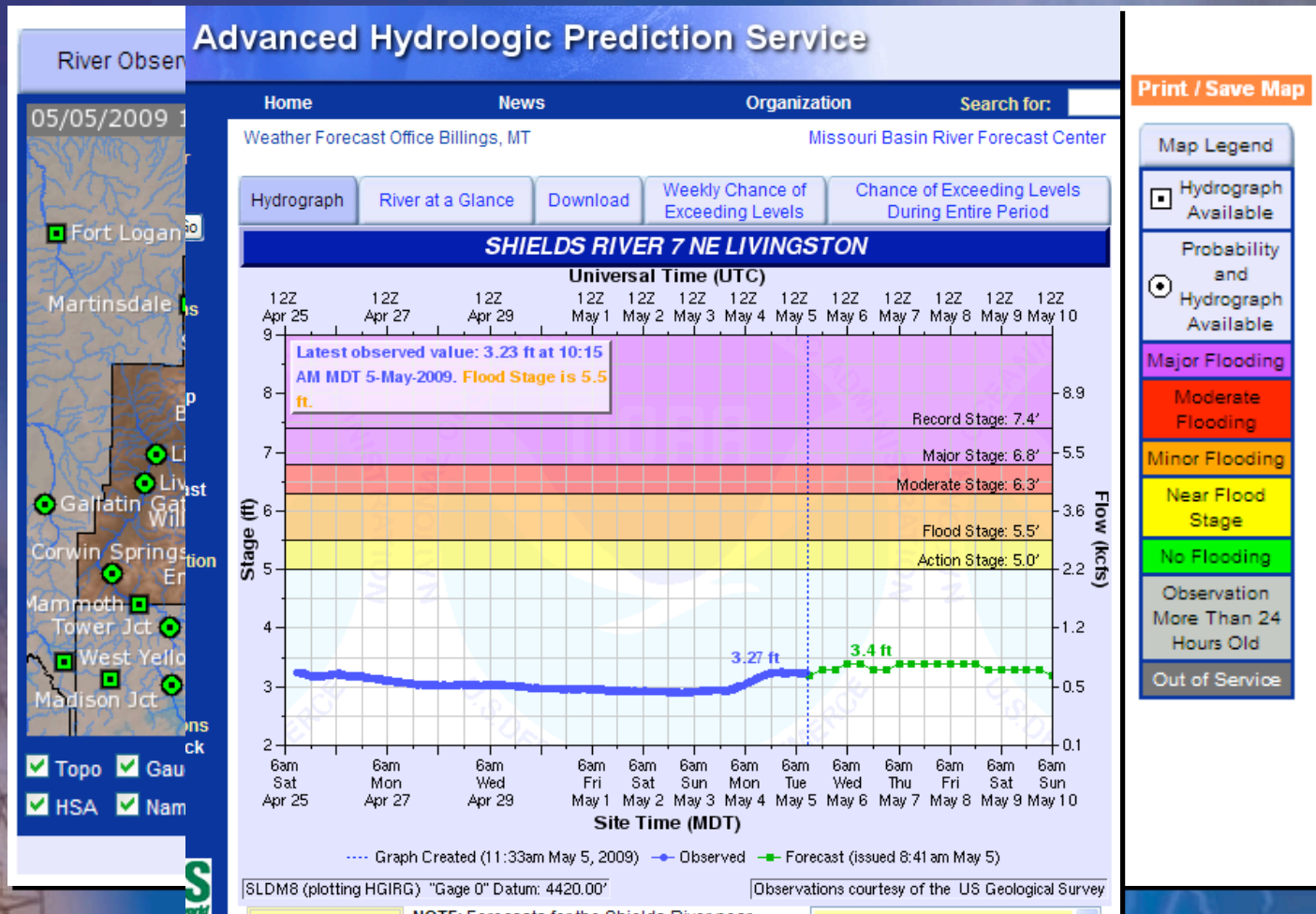
- Graphical Hazardous Weather Outlook
- Detailing the potential for hazardous weather in the next 7 days in an easy to view graphic.





National Weather Service

Real Time Observations and Forecasts





National Weather Service

New Communications Tools and Services



*Instant
messaging*

GoToMeeting®

**NWS High Impact Weather
Conference Call**



Mobile Services

**Text Messaging and E-mail
Alerts**

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New Communications Tools and Services

Mobile Services

- <http://mobile.weather.gov>
- Enter a city/zip code

Billings, MT

Current Local Conditions at:

Billings/Logan Intl Airport

Lat: 45.8 N Lon: 108.53 W Elev: 3586 ft

Last Update: 07/15/10, 09:53 AM MDT

Fair: 71 °F

[Detailed 7-day Forecast](#)

[Your Local Radar](#)

[Current Conditions](#)

[Satellite Image](#)

[Hazardous Weather](#)

[Area Forecast Discussion](#)

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New Communications Tools and Services

The GoToMeeting logo, with "GoTo" in blue and "Meeting" in a lighter blue, followed by a registered trademark symbol.

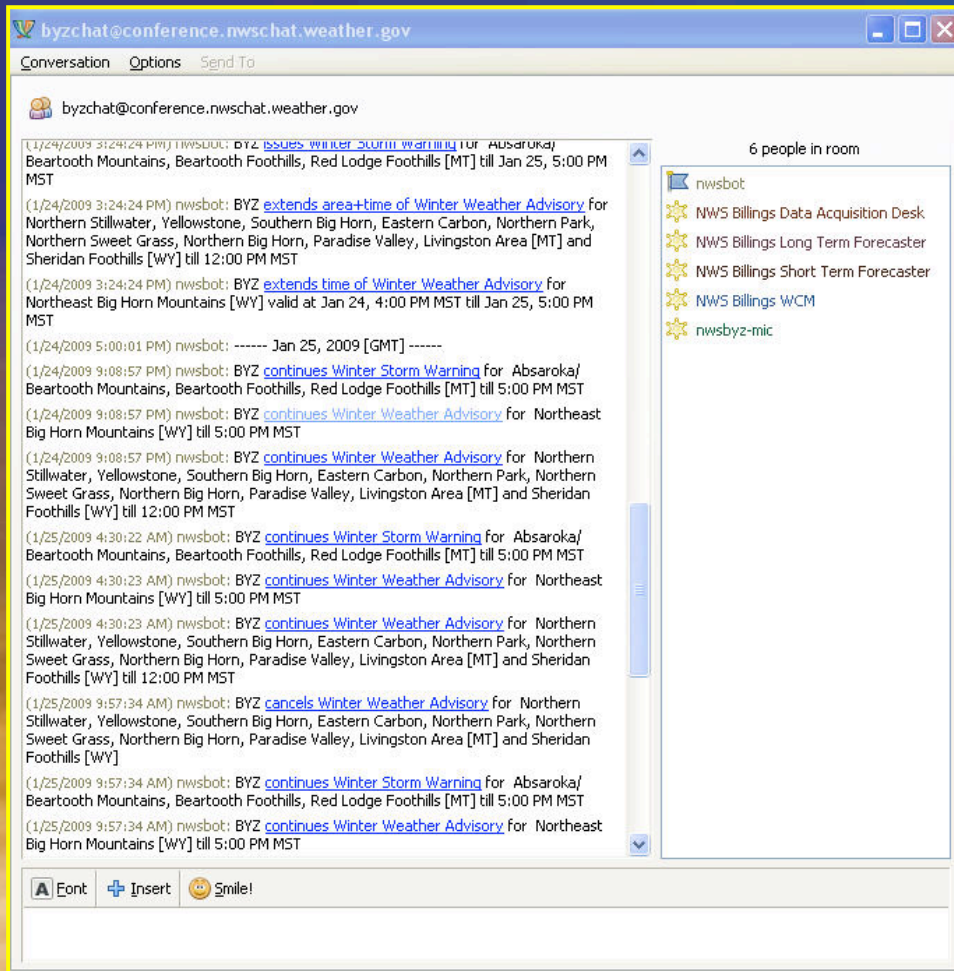
GoToMeeting®

- GoToMeetings for those BIG events
 - Webinars
 - Conference Calls
- NWS audio and visuals right to your office
- E-mail announcements of such meetings will be sent to those signed up for the service
 - Sign up today with your local NWS office!



National Weather Service

New Communications Tools and Services



- NWSchat –

Instant Messaging Service and direct contact with our forecasters!

- Who can participate?

- Be a member of the Emergency Management Community

- Be a Government Partner of a specific NWS office

- Be a member of the Electronic Media



National Weather Service

New Communications Tools and Services

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iNWS - Interactive NWS

National Weather Service Mobile Decision Support Services (MDSS)

Sign Up

iNWS MOBILE ALERTING

Receive customized text message and e-mail alerts for National Weather Service products that you care about.



Add New Alert Area or Hydrology Point

Select the type and format of alert area you would like to create.

- ☐ Create an alert point by city, zip code, or landmark.
- ☐ Create an alert area by county.
- ☐ Create an alert point or alert area by custom drawing.

Hydrology Alert Points

[+ Add New Hydro Point](#)

- Text messages and/or emails regarding warnings impacting user defined alert areas

<http://inws.wrh.noaa.gov/>

weather.gov

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National Weather Service

Thank You!

Remember 24/7 Operations!

*Give us a call with your
questions or concerns*